

Converting Colors

CIELCh(57, 1.257, 247.207)

Have a look what the booklet for
CIELCh(57, 1.257, 247.207) contains.

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Color

CIELCh(57, 1.374, 255.964)

Conversions

Conversions Part 1

Format	Color
Hex	87898B
RGB	135, 137, 139
RGB Percent	53%, 54%, 55%
CMY	0.4704, 0.4626, 0.4547
CMYK	0.03, 0.01, 0.00, 0.45
HSL	210°, 2%, 54%
HSV	210°, 3%, 55%
XYZ	23.6131, 24.9227, 28.0079
YIQ	136.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

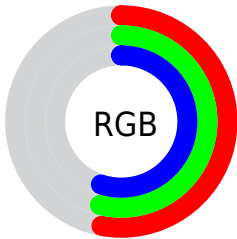
Format	Color
R_{YB}	135, 136, 139
Decimal	8882571
CIE Lab	57.00, -0.33, -1.33
CIE LCh	57, 1.374, 255.964
Yxy	24.9227, 0.3085, 0.3256
Android (android.graphics.Color)	4287072651 (0xFF87898B)
YUV	136.6300, 1.1684, -1.4295
Hunter-Lab	49.9226, -2.9352, 1.6826

Details

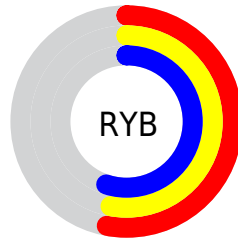
The CIELCh color $57, 1.374, 255.964$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 1.372, 74.816$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 1.297, 255.945$, and $37, 1.485, 256.070$ is the 20% darker color. If you saturate the color by 10%, you get $54, 6.105, 257.064$, and if you desaturate by 10%, it is $60, 3.390, 74.485$.

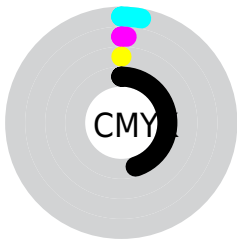
Distribution



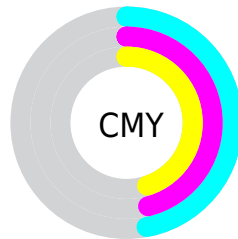
- Red (53%)
- Green (54%)
- Blue (55%)



- Red (53%)
- Yellow (53%)
- Blue (55%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 1.374, 255.964 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 57, 1.374, 255.964 by changing the saturation by 10% instead.

■ 57, 1.374, 255.964

■ 57, 1.374, 255.964

■ 100, 1.374,
255.964

■ 47, 1.374, 255.964

■ 77, 1.374, 255.964

■ 37, 1.374, 255.964

■ 87, 1.374, 255.964

■ 27, 1.374, 255.964

■ 97, 1.374, 255.964

■ 17, 1.374, 255.964

■ 7, 1.374, 255.964

■ 0, 1.374, 255.964

■ 57, 1.374, 255.964

■ 57, 1.374, 255.964

■ 54, 6.105, 257.064

■ 60, 3.390, 74.485

■ 51, 10.786,

■ 63, 8.170, 73.566

258.603

66, 12.951, 72.742

48, 15.399,
260.439

69, 17.722, 72.019

45, 19.931,
262.620

72, 22.473, 71.384

42, 24.373,
265.198

75, 27.195, 70.821

39, 28.733,
268.221

78, 31.882, 70.321

37, 33.037,
271.712

82, 36.530, 69.872

34, 37.335,
275.646

84, 39.736, 71.836

32, 41.695,
279.929

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57, 1.374, 255.964



57, 1.372, 74.816

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57, 1.374, 255.964



57, 1.374, 305.964



57, 1.374, 75.964



57, 1.374, 125.964

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57, 1.373, 255.901



73, 0.597, 256.046



57, 1.963, 162.697



39, 0.342, 256.078



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 1.373, 255.901



73, 1.776, 255.911



56, 2.253, 289.808



29, 1.068, 255.953



28, 43.201, 282.652



1, 1.240, 255.363

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57, 1.957, 343.687



72, 2.532, 343.712



58, 2.226, 109.217



28, 1.524, 343.783



28, 52.284, 0.668



0, 1.760, 343.615

Previews

White Background



This preview shows how the CIE LCh color 57, 1.374, 255.964 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 57, 1.374, 255.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

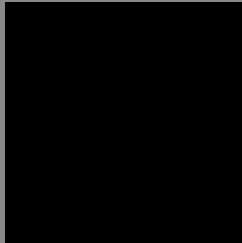
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

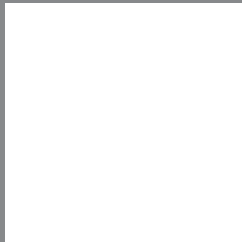
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 1.374, 255.964

Background



This preview shows how black text looks on a background with the CIELCh color 57, 1.374, 255.964.



This preview shows how white text looks on a background with the CIELCh color 57, 1.374, 255.964.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57, 1.374, 255.964

Protanopia

57, 1.652, 335.649

Deuteranopia

57, 7.804, 344.494



Tritanopia
57, 6.281, 290.922

Trichromacy



Original Color

57, 1.374, 255.964

Protanomaly

57, 1.397, 324.379

Deuteranomaly

57, 4.941, 336.037

Tritanomaly

57, 4.570, 290.725

Monochromacy



Original Color

57, 1.374, 255.964

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 0.691, 255.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 1.374, 255.964 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 137, 139)` looks like.

```
.text, #text, p{  
    color:rgb(135, 137, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 137, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 137, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 1.374, 255.964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

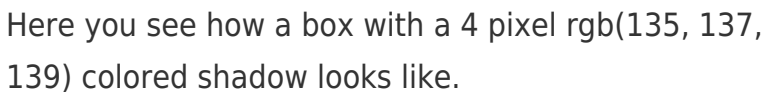
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 137, 139) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 137, 139) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(135, 137, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 137, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 137, 139); box-shadow:4px 4px 4px 4px rgb(135, 137, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 1.374, 255.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 137, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
137, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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